

07/19/01
J1054 U.S. PTO

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JC872 U.S. PTO
09/09/07902
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*LIMITED TO MATTERS
AND PROCEEDINGS BEFORE
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**REGISTERED PATENT AGENT
***SENIOR COUNSEL

WRITER'S DIRECT NUMBER:

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July 19, 2001

Commissioner for Patents
Washington, D.C. 20231

Box Patent Application

Re: U.S. Non-Provisional Utility Patent Application under 37 C.F.R. § 1.53(b)
Appl. No. To Be Assigned; Filed: July 19, 2001

For: **System and Method for Characterizing Optical Systems Using
Holographic Reticles**

Inventors: Matthew E. Hansen

Our Ref: 1857.0300001/JTH/TAD

Sir:

The following documents are forwarded herewith for appropriate action by the U.S. Patent and Trademark Office:

1. PTO Fee Transmittal (Form PTO/SB/17)(*in duplicate*);
2. PTO Utility Patent Application Transmittal (Form PTO/SB/05);
3. Application Data Sheet;
4. U.S. Utility Patent Application entitled:

**System and Method for Characterizing Optical Systems Using Holographic
Reticles**

Commissioner for Patents

July 19, 2001

Page 2

and naming as inventors:

Matthew E. Hansen

the application consisting of:

- a. A specification containing:
 - i. 41 pages of description prior to the claims;
 - ii. 8 pages of claims (claims 1-57);
 - iii. a one (1) page abstract;
 - b. 38 sheets of drawings: (Figures 1A, 1B, 2-4, 5A, 5B, 6, 7, 8A, 8B, 9A, 9B, 10A, 10B, 11A, 11B, 12-15, 16A-16D, 17, 18, 19A, 19B, 20, 21, 22A, 22B, 23A-23F, 24-28, 29A-29C, 30-34, 35A, 35B, and 36); and
 - c. An original executed Declaration;
5. Authorization to Treat a Reply As Incorporating An Extension of Time Under 37 C.F.R. § 1.136(a)(3)(*in duplicate*);
6. Recordation Form Cover Sheet;
- ✓* An original executed Assignment to Silicon Valley Group Inc., recordation of which is hereby respectfully requested;
8. Two (2) return postcards; and
9. Our check No. 31953 for \$ 1416.00 to cover:

\$ 710.00 Filing fee for patent application;
\$ 40.00 Assignment recordation fee(s); and
\$ 666.00 Fee for excess claims.

Commissioner for Patents
July 19, 2001
Page 3

It is respectfully requested that, of the two attached postcards, one be stamped with the filing date of these documents and returned to our courier, and the other, prepaid postcard, be stamped with the filing date and unofficial application number and returned as soon as possible. The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 19-0036. A duplicate copy of this letter is enclosed.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.



Jeffrey T. Helvey
Attorney for Applicant
Registration No. 44,757

JTH/TAD:ayh
Enclosure

**UTILITY
PATENT APPLICATION
TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR § 1.53(b))

Attorney Docket No.	1857.0300001
First Inventor	Matthew E. Hansen
Title	System and Method for Characterizing Optical Systems Using Holographic Reticles
Express Mail Label No.	

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

ADDRESS TO:Assistant Commissioner for Patents
Box Patent Application
Washington, DC 20231

1. Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original, and a duplicate for fee processing)
2. Applicant claims small entity status.
See 37 CFR 1.27.
3. Specification [Total Pages 50]
(preferred arrangement set forth below)
 - Descriptive title of the Invention
 - Cross Reference to Related Applications
 - Background of the Invention
 - Brief Summary of the Invention
 - Brief Description of the Drawings (*if filed*)
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure
4. Drawing(s) (35 U.S.C. 113) [Total Sheets 38]

 5. Oath or Declaration [Total Pages 2]
 - a. Newly executed (original or copy)
 - b. Copy from a prior application (37 CFR 1.63(d))
(for continuation/divisional with Box 18 completed)
 - i. **DELETION OF INVENTOR(S)**
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR §§ 1.63(d)(2) and 1.33(b).
6. Application Data Sheet. See 37 CFR 1.76.

7. CD-ROM or CD-R in duplicate, large table or Computer Program
(Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission
(if applicable, all necessary)
 - a. Computer Readable Form (CRF)
 - b. Specification Sequence Listing on:
 - i. CD-ROM or CD-R (2 copies); or
 - ii. paper
 - c. Statements verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

9. Assignment Papers (cover sheet & document(s))
10. 37 CFR 3.73(b) Statement Power of Attorney
(when there is an assignee)
11. English Translation Document *(if applicable)*
12. Information Disclosure Statement (IDS)/PTO-1449 Copies of IDS Citations
13. Preliminary Amendment
14. Return Receipt Postcards (MPEP 503)
(Should be specifically itemized)
15. Certified Copy of Priority Document(s)
(if foreign priority is claimed)
16. Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.
17. Other: Authorization under 37 C.F.R. § 1.136(a)(3)
 Other: The name of the assignee is: Silicon Valley Group, Inc.

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

Continuation Divisional Continuation-in-Part (CIP) of prior application No: 09/339,506
Prior application information: Examiner _____ Group/Art Unit: _____

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

19. CORRESPONDENCE ADDRESS Customer Number or Bar Code Label

Customer No. 26111

 Correspondence address below

NAME	STERNE, KESSLER, GOLDSTEIN & FOX, P.L.C. PATENT TRADEMARK OFFICE Attorneys at Law		
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CITY	STATE	ZIP CODE	
COUNTRY	TELEPHONE	FAX	

NAME (Print/Type)	Jeffrey T. Helvey	Registration No. (Attorney/Agent)	44,757
SIGNATURE			
Date	7/17/01		

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SKGF Rev 3/29/01 mac

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FEE TRANSMITTAL for FY 2001

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT	(\$1416.00)	Complete if Known
		Application Number
		To Be Assigned
		Filing Date
		July 19, 2001
		First Named Inventor
		Matthew E. Hansen
		Examiner Name
		To Be Assigned
		Group Art Unit
		To Be Assigned
		Attorney Docket No.
		1857.0300001

METHOD OF PAYMENT (check one)		FEE CALCULATION (continued)																																																																																																																																																																																																																																														
<p>1. <input type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and credit any overpayment to:</p> <p>Deposit Account Number 19-0036</p> <p>Deposit Account Name Sterne, Kessler, Goldstein & Fox P.L.L.C.</p> <p><input type="checkbox"/> Charge Any Additional Fee Required Under 37 CFR §§ 1.16 and 1.17</p> <p><input type="checkbox"/> Applicant claims small entity status See 37 CFR 1.27</p>		<p>3. ADDITIONAL FEES</p> <table border="1"> <thead> <tr> <th>Large Entity</th> <th>Small Entity</th> </tr> </thead> <tbody> <tr><td>Fee Code</td><td>Fee (\$)</td><td>Fee Code</td><td>Fee (\$)</td><td colspan="3">Fee Description</td></tr> <tr><td>105</td><td>130</td><td>205</td><td>65</td><td colspan="3">Surcharge - late filing fee or oath</td></tr> <tr><td>127</td><td>50</td><td>227</td><td>25</td><td colspan="3">Surcharge - late provisional filing fee or cover sheet</td></tr> <tr><td>139</td><td>130</td><td>139</td><td>130</td><td colspan="3">Non-English specification</td></tr> <tr><td>147</td><td>2,520</td><td>147</td><td>2,520</td><td colspan="3">For filing a request for ex parte reexamination</td></tr> <tr><td>112</td><td>920*</td><td>112</td><td>920*</td><td colspan="3">Requesting publication of SIR prior to Examiner action</td></tr> <tr><td>113</td><td>1,840*</td><td>113</td><td>1,840*</td><td colspan="3">Requesting publication of SIR after Examiner action</td></tr> <tr><td>115</td><td>110</td><td>215</td><td>55</td><td colspan="3">Extension for reply within first month</td></tr> <tr><td>116</td><td>390</td><td>216</td><td>195</td><td colspan="3">Extension for reply within second month</td></tr> <tr><td>117</td><td>890</td><td>217</td><td>445</td><td colspan="3">Extension for reply within third month</td></tr> <tr><td>118</td><td>1,390</td><td>218</td><td>695</td><td colspan="3">Extension for reply within fourth month</td></tr> <tr><td>128</td><td>1,890</td><td>228</td><td>945</td><td colspan="3">Extension for reply within fifth month</td></tr> <tr><td>119</td><td>310</td><td>219</td><td>155</td><td colspan="3">Notice of Appeal</td></tr> <tr><td>120</td><td>310</td><td>220</td><td>155</td><td colspan="3">Filing a brief in support of an appeal</td></tr> <tr><td>121</td><td>270</td><td>221</td><td>135</td><td colspan="3">Request for oral hearing</td></tr> <tr><td>138</td><td>1,510</td><td>138</td><td>1,510</td><td colspan="3">Petition to institute a public use proceeding</td></tr> <tr><td>140</td><td>110</td><td>240</td><td>55</td><td colspan="3">Petition to revive - unavoidable</td></tr> <tr><td>141</td><td>1,240</td><td>241</td><td>620</td><td colspan="3">Petition to revive - unintentional</td></tr> <tr><td>142</td><td>1,240</td><td>242</td><td>620</td><td colspan="3">Utility issue fee (or reissue)</td></tr> <tr><td>143</td><td>440</td><td>243</td><td>220</td><td colspan="3">Design issue fee</td></tr> <tr><td>144</td><td>600</td><td>244</td><td>300</td><td colspan="3">Plant issue fee</td></tr> <tr><td>122</td><td>130</td><td>122</td><td>130</td><td colspan="3">Petitions to the Commissioner</td></tr> <tr><td>123</td><td>130</td><td>123</td><td>130</td><td colspan="3">Petitions related to provisional applications</td></tr> <tr><td>126</td><td>180</td><td>126</td><td>180</td><td colspan="3">Submission of Information Disclosure Stmt</td></tr> <tr><td>581</td><td>40</td><td>481</td><td>40</td><td colspan="3">Recording each patent assignment per property (times number of properties)</td></tr> <tr><td>146</td><td>710</td><td>246</td><td>355</td><td colspan="3">Filing a submission after final rejection (37 CFR 1.129(a))</td></tr> <tr><td>149</td><td>710</td><td>249</td><td>355</td><td colspan="3">For each additional invention to be examined (37 CFR 1.129(b))</td></tr> <tr><td>179</td><td>710</td><td>279</td><td>355</td><td colspan="3">Request for Continued Examination (RCE)</td></tr> <tr><td>169</td><td>900</td><td>169</td><td>900</td><td colspan="3">Request for expedited examination of a design application</td></tr> <tr> <td colspan="6">Other fee (specify) :</td> <td></td> </tr> <tr> <td colspan="6">Other fee (specify) :</td> <td></td> </tr> <tr> <td colspan="6">*Reduced by Basic Filing Fee Paid</td> <td></td> </tr> <tr> <td colspan="6"></td> <td>SUBTOTAL (3) (\$ 40.00)</td> </tr> </tbody> </table>						Large Entity	Small Entity	Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description			105	130	205	65	Surcharge - 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<p>** or number previously paid, if greater; For Reissues, see above</p> <p>SUBMITTED BY</p> <table border="1"> <tr> <td>Name (Print/Type)</td> <td>Jeffrey T. Helvey</td> <td>Registration No. (Attorney/Agent)</td> <td>44,757</td> <td>Telephone</td> <td>202-371-2600</td> </tr> <tr> <td>Signature</td> <td colspan="2"><i>Jeffrey T. Helvey</i></td> <td>Date</td> <td colspan="2">7/19/01</td> </tr> </table>								Name (Print/Type)	Jeffrey T. Helvey	Registration No. (Attorney/Agent)	44,757	Telephone	202-371-2600	Signature	<i>Jeffrey T. Helvey</i>		Date	7/19/01																																																																																																																																																																																																																														
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